



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Vinginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/700,359	11/14/2000	Roger Green Stewart	RCA89038	RCA89038 4790	
7:	590 07/11/2003				
Joseph S Tripoli Thomson Multimedia Licensing Inc PO Box 5312		EXAMINER			
			NELSON, ALE	ALECIA DIANE	
Princeton, NJ	08540		ART UNIT PAPER NUMBER		
			2675	()	
			DATE MAILED: 07/11/2003	7	

Please find below and/or attached an Office communication concerning this application or proceeding.

Advisory Action    Garnous   Continuer   Art Unit   Art	•	Application No.	Applicant(s)					
Examiner   Alecia D. Nelson   2975	Advisory Action	09/700,359	STEWART ET AL.	$\Omega$				
The MAILING DATE of this communication appears on the cover sheet with the correspondence address — THE REPLY FILED 19 June 2003 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandomment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.  PERIOD FOR REPLY (check either a) or b)]  The period for reply expires or: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is bater. In no event, however, with the authory period for reply expires or: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is bater. In no event, however, with the authory period for reply expire later than \$100 MINT (ATRICA THIS BOX WHEN THE FIRST REFLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MFEP  Extensions of time may be obtained under 37 CFR 1.1369. The date on which the petition under 37 CFR 1.1369 and the appropriate extension fee under 37 CFR 1.1369 and the appropriate extension fee under 37 CFR 1.1369 and the appropriate extension fee under 37 CFR 1.1369 and the appropriate extension fee under the search of the search and the search and the corresponding amount of the fee. The appropriate extension fee under the search of the search and the search and the corresponding amount of the fee. The appropriate extension fee under 10 above the search of the search and the sear		Examiner	Art Unit					
THE REPLY FILED 19 June 2003 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.13 may only be either. (1) a timely filed amendment which places the application in condition for allowance. (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.14.  PERIOD FOR REPLY (check either a) or b)  a) The period for reply expires 3 months from the mailing date of the final rejection. b) The period for reply expires 3 months from the mailing date of the final replace of the final replace of the control of the property of the period of the final replace of the final		Alecia D. Nelson	2675					
Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either. (1) a timely filed amendment within places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.  PERIOD FOR REPLY (check either a) or b)  The period for reply expires 3_monits from the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, which were its later. In no event, however, will the standardy period for reply expires and (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection. Which you can be calculated to the final rejection of the final rejection of the control of the period of the final rejection. Which you can be calculated from (1) the expiration date of the sharp and the corresponding amount of the FinAl REJECTION. See MPEP dates been filed is the date for purposes of determining the period of extension for under 37 CFR 1.13(a) is calculated from: (1) the expiration date of the sharped and the corresponding amount of the Fee. The appropriate extension fee under 37 CFR 1.19(a) is calculated from: (1) the expiration date of the sharped and standary pariod for reply originally set in the final office action, or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three monities after the mailing date of the final rejection, even if finally filed, may reduce any seamed patient term adjustment. See 37 CFR 1.79(b).  A hotice of Appeal was filed on	The MAILING DATE of this communication appears on the cover sheet with the correspondence address							
a) The period for reply expires 3_months from the mailing date of the final rejection. b) The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is bater. In no evert, however, with the statutory period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection. ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPPE  Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the final rejection, or (2) as set for this (2) can be calculated from (1) the expiration date of the shortends statutory period for reply originally set in the final Origin, or (2) as set for this (2) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any seamed patent trea doubtrees.  1. A Notice of Appeal was filed on Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.  2. The proposed amendment(s) will not be entered because:  (a) \( \) they raise new issues that would require further consideration and/or search (see NOTE below);  (b) \( \) they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or  (d) \( \) they present additional claims without canceling a corresponding number of finally rejected claims.  NOTE: See Continuation Sheef.  3. \( \) Applicant's reply has overcome the following rejection(s):	Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may <u>only</u> be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued							
b) The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, with be station period for reply expire later than SIX MONTHS from the malling date of the final rejection. ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 705.07(1) the period of the final SIX MONTHS of THE FINAL REJECTION. See MPEP 705.07(1) the period of determining the period of extension and the corresponding amount of the file. The appropriate extension fee base been filed is the date for purposes of eletermining the period of extension and the corresponding amount of the file. The appropriate extension fee base been filed is the date for purposes of eletermining the period of reply originally set in the final Office action, or (2) as set forth in 70 calculated from. (1) the expiration date of the shortened statutory period for reply originally set in the final Office action, or (2) as set forth in 30 calculated from 1). The period set forth in 30 calculated from 1) the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.  2 The proposed amendment(s) will not be entered because:  (a) The proposed amendment(s) will not be entered because:  (b) They raise the issue of new matter (see Note below);  (c) They raise the issue of new matter (see Note below);  (c) They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or  (d) They present additional claims without canceling a corresponding number of finally rejected claims.  NOTE: See Continuation Sheet.  3 Applicant's reply has overcome the following rejection(s):	PERIOD FOR RE	PLY [check either a) or b)]						
37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.  2 ☑ The proposed amendment(s) will not be entered because:  (a) ☑ they raise new issues that would require further consideration and/or search (see NOTE below);  (b) ☐ they raise the issue of new matter (see Note below);  (c) ☑ they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or  (d) ☐ they present additional claims without canceling a corresponding number of finally rejected claims.  NOTE: See Continuation Sheet.  3. ☐ Applicant's reply has overcome the following rejection(s):  4. ☐ Newly proposed or amended claim(s) would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).  5. ☐ The and affidavit, b) ☐ exhibit, or c) ☐ request for reconsideration has been considered but does NOT place the application in condition for allowance because:  6. ☐ The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.  7. ☑ For purposes of Appeal, the proposed amendment(s) a) ☑ will not be entered or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.  The status of the claim(s) is (or will be) as follows:  Claim(s) allowed:  Claim(s) objected to:  Claim(s) withdrawn from consideration:  Claim(s) withdrawn from consideration:  The proposed drawing correction filed on is a) ☐ approved or b) ☐ disapproved by the Examiner.  9 ☐ Note the attached Information Disclosure Statement(s)( PTO-1449) Paper No(s)	b) The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.  ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).  Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any							
(a)	37 CFR 1.192(a), or any extension thereof (37 CF	R 1.191(d)), to avoid dismissal						
(b) ☐ they raise the issue of new matter (see Note below); (c) ☐ they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or  (d) ☐ they present additional claims without canceling a corresponding number of finally rejected claims.  NOTE: See Continuation Sheet.  3. ☐ Applicant's reply has overcome the following rejection(s):  4. ☐ Newly proposed or amended claim(s) would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s) would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).  5. ☐ The a) ☐ affidavit, b) ☐ exhibit, or c) ☐ request for reconsideration has been considered but does NOT place the application in condition for allowance because:  6. ☐ The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.  7. ☑ For purposes of Appeal, the proposed amendment(s) a) ☑ will not be entered or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.  The status of the claim(s) is (or will be) as follows:  Claim(s) allowed:  Claim(s) objected to:  Claim(s) rejected: 1-9  Claim(s) withdrawn from consideration:  8. ☐ The proposed drawing correction filed on is a) ☐ approved or b) ☐ disapproved by the Examiner.  9. ☐ Note the attached Information Disclosure Statement(s)( PTO-1449) Paper No(s)	2. The proposed amendment(s) will not be entered b	ecause:						
(c) ☐ they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or  (d) ☐ they present additional claims without canceling a corresponding number of finally rejected claims.  NOTE: See Continuation Sheet.  3. ☐ Applicant's reply has overcome the following rejection(s):  4. ☐ Newly proposed or amended claim(s) would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s) would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).  5. ☐ The a) ☐ affidavit, b) ☐ exhibit, or c) ☐ request for reconsideration has been considered but does NOT place the application in condition for allowance because:  6. ☐ The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.  7. ☑ For purposes of Appeal, the proposed amendment(s) a) ☑ will not be entered or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.  The status of the claim(s) is (or will be) as follows:  Claim(s) allowed:  Claim(s) objected to:  Claim(s) rejected: 1-9.  Claim(s) withdrawn from consideration:  8. ☐ The proposed drawing correction filed on is a) ☐ approved or b) ☐ disapproved by the Examiner.  9. ☐ Note the attached Information Disclosure Statement(s)( PTO-1449) Paper No(s)	(a) 🛛 they raise new issues that would require furth	er consideration and/or search	(see NOTE below);					
issues for appeal; and/or  (d)	(b) ☐ they raise the issue of new matter (see Note below);							
NOTE: See Continuation Sheet.  3. Applicant's reply has overcome the following rejection(s):  4. Newly proposed or amended claim(s) would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).  5. The a) affidavit, b) exhibit, or c) request for reconsideration has been considered but does NOT place the application in condition for allowance because:  6. The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.  7. For purposes of Appeal, the proposed amendment(s) a) will not be entered or b) will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.  The status of the claim(s) is (or will be) as follows:  Claim(s) allowed:  Claim(s) objected to:  Claim(s) rejected: 1-9  Claim(s) withdrawn from consideration:  8. The proposed drawing correction filed on is a) approved or b) disapproved by the Examiner.  9. Note the attached Information Disclosure Statement(s)( PTO-1449) Paper No(s)								
<ul> <li>3.</li></ul>	(d) they present additional claims without cancel	ing a corresponding number of	finally rejected claims	•				
<ul> <li>4. Newly proposed or amended claim(s) would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).</li> <li>5. The a) affidavit, b) exhibit, or c) request for reconsideration has been considered but does NOT place the application in condition for allowance because:</li> <li>6. The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.</li> <li>7. For purposes of Appeal, the proposed amendment(s) a) will not be entered or b) will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.  The status of the claim(s) is (or will be) as follows:  Claim(s) allowed:  Claim(s) objected to:  Claim(s) withdrawn from consideration:  8. The proposed drawing correction filed on is a) approved or b) disapproved by the Examiner.  9. Note the attached Information Disclosure Statement(s)( PTO-1449) Paper No(s)  10. Other:</li> </ul>	NOTE: <u>See Continuation Sheet</u> .							
canceling the non-allowable claim(s).  5. The a) affidavit, b) exhibit, or c) request for reconsideration has been considered but does NOT place the application in condition for allowance because:  6. The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.  7. For purposes of Appeal, the proposed amendment(s) a) will not be entered or b) will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.  The status of the claim(s) is (or will be) as follows:  Claim(s) allowed:  Claim(s) objected to:  Claim(s) rejected: 1-9.  Claim(s) withdrawn from consideration:  The proposed drawing correction filed on is a) approved or b) disapproved by the Examiner.  9. Note the attached Information Disclosure Statement(s)( PTO-1449) Paper No(s)	3. Applicant's reply has overcome the following reject	ction(s):						
application in condition for allowance because:  6. ☐ The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.  7. ☑ For purposes of Appeal, the proposed amendment(s) a) ☑ will not be entered or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.  The status of the claim(s) is (or will be) as follows:  Claim(s) allowed:  Claim(s) objected to:  Claim(s) rejected: 1-9.  Claim(s) withdrawn from consideration:  8. ☐ The proposed drawing correction filed on is a) ☐ approved or b) ☐ disapproved by the Examiner.  9. ☐ Note the attached Information Disclosure Statement(s)( PTO-1449) Paper No(s)  10. ☐ Other:		be allowable if submitted in a	separate, timely filed a	mendment				
raised by the Examiner in the final rejection.  7.  For purposes of Appeal, the proposed amendment(s) a)  will not be entered or b) will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.  The status of the claim(s) is (or will be) as follows:  Claim(s) allowed:  Claim(s) objected to:  Claim(s) rejected: 1-9.  Claim(s) withdrawn from consideration:  8. □ The proposed drawing correction filed on is a) □ approved or b) □ disapproved by the Examiner.  9. □ Note the attached Information Disclosure Statement(s)( PTO-1449) Paper No(s)  10. □ Other:			sidered but does NOT	place the				
explanation of how the new or amended claims would be rejected is provided below or appended.  The status of the claim(s) is (or will be) as follows:  Claim(s) allowed:  Claim(s) objected to:  Claim(s) rejected: 1-9.  Claim(s) withdrawn from consideration:  8.		cause it is not directed SOLELY	to issues which were	newly				
Claim(s) allowed: Claim(s) objected to: Claim(s) rejected: 1-9. Claim(s) withdrawn from consideration:  8. The proposed drawing correction filed on is a) approved or b) disapproved by the Examiner.  9. Note the attached Information Disclosure Statement(s)( PTO-1449) Paper No(s)				d an				
Claim(s) objected to: Claim(s) rejected: 1-9. Claim(s) withdrawn from consideration:  8. The proposed drawing correction filed on is a) approved or b) disapproved by the Examiner.  9. Note the attached Information Disclosure Statement(s)( PTO-1449) Paper No(s)	The status of the claim(s) is (or will be) as follows:							
Claim(s) rejected: 1-9. Claim(s) withdrawn from consideration:  8. The proposed drawing correction filed on is a) approved or b) disapproved by the Examiner.  9. Note the attached Information Disclosure Statement(s)( PTO-1449) Paper No(s)  10. Other:	Claim(s) allowed:							
Claim(s) withdrawn from consideration:  8. The proposed drawing correction filed on is a) approved or b) disapproved by the Examiner.  9. Note the attached Information Disclosure Statement(s)( PTO-1449) Paper No(s)  10. Other:	Claim(s) objected to:							
8. The proposed drawing correction filed on is a) approved or b) disapproved by the Examiner.  9. Note the attached Information Disclosure Statement(s)( PTO-1449) Paper No(s)  10. Other:	Claim(s) rejected: <u>1-9</u> .							
9. Note the attached Information Disclosure Statement(s)( PTO-1449) Paper No(s)  10. Other:	Claim(s) withdrawn from consideration:							
10. Other:	8. $\square$ The proposed drawing correction filed on is	a) approved or b) disap	proved by the Examin	er.				
	9. Note the attached Information Disclosure Stateme	nt(s)( PTO-1449) Paper No(s).	·					
	10. Other:							
	C. Detect and Indonesis Office							

Application No.

Continuation of 2. NOTE: The proposed amedment to claim 1, requires that the conductors are coupled in a local, clustering bus arrangement. This changes the scope of the the claim thereby requiring further search and consideration. Further, the applicant's arguments to independent claims 7 and 8, have been considered by the examiner, however are not persuasive. The applicant arugues that Inoue et al. fails to disclose or suggest the majority of the claim limitation, however as recited in the rejection there is taught a plurality of groups of data buses, a control bus arranged to cross the plurality of data buses, a plurality of conductive lines and switching signal lines (see column 4, lines 2-8, column 3, line 24-26 and lines 61-column 4, line 12, column 5, lines 30-37 and figure 2). Also Inoue does disclose the usage of low resitive conductor (see column 5, lines 47-column 6, line 43).

DENNIS-DOON CHOW PRIMARY EXAMINER